

EXHIBIT 1

EXHIBIT A-1
Bolingbrook Inventory

See Attached Lists.

**Water Atlas (East Side)
Update FEB-95**

Page 1/2

Subdivision	Atlas Page	3"	6"	Lineal Feet of Pipe				16"	3"	6"	Valves				12"	16"	Fire Hyd.	Comments
	4			6,269							9				9		32	
	5		4,450	9,144	652	6,219				11	23	5	11				73	Well #6
																		1/2 MG Storage Tank
WalGreens			175		577	864				3		2	2				5	
	11		748	3,966	1,248	1,142				2	11	5	1				22	
	12	2,696	9,781	3,256	6,472	5,495			13	22	7	14	13				70	
	13		140	7,981	6,326	383				1	19	13					43	
Janes Park				2,910	1,620	735					9	10					16	
	18	291	4,224	975		2,214			2	6	2		1				16	
	19	3,810	12,613	6,765	5,218				57	35	21	3					73	2391' of 1.5" WM/10 Valves
	20	3,030	9,607	3,005	3,313	7,203	820		15	18	12	8	10	2			57	Wells #1, #2
																		300,000 Gal Water Tank
																		75' of 2" WM
	21	1,321	4,415	2,149	672	1,943			16	5	5	2	5				37	
	27	794	17,186	4,224	3,089	5,567			3	38	16	5	9				79	219' of 4" WM/3 Valves
	28	825	16,202	1,025	2,378	4,097			4	33	2	7	11				70	
	29		6,990	3,868	2,114	5,642				18	8	6	12				58	
	30			3,577		2,087					9		6				15	1/2 MG Water Tower
	37		26,766	5,640	600	3,175				30	17		5				61	Wells #3, #4
																		1073' of 4" WM
	38		639	5,560		2,696				4	10		9				23	
Subtotal		12,767	113,936	70,314	34,279	49,462	820	110	226	180	80	104	2				750	

**Water Atlas (West Side)
Update FEB-95**

Page 2/2

Subdivision	Atlas Page	3"	6"	Lineal Feet of Pipe				16"	3"	6"	Valves				12"	16"	Fire Hyd.	Comments
	92		184	3,778	1,333												17	675000 Gallon Water Tank
	99			7,105	1,308		620										27	Wells #10 and #11
																		200,000 Gallon Water Tank
	100			12,567	890	5,771											54	
	108		465	12,504		2,813											45	
Pheasant Chase/C	116			5,447	1,844	2,270	2,780				13	7	6	5			34	
	117		455	13,895	5,599	5,105											74	
	124			12,976			3,060				34		1	8			51	Well House
Hickory Oaks 4/Rlv				5,768	3,314		2,634				14	10		6			28	
Fields of Bradford				2,356			3,310				6		1	6			20	
Older Creek 1				5,877		1,308	1,658				14		2	5			31	
Older Creek 2				2,732		1,960	311				8		4	2			17	
Subtotal		0	1,104	85,003	14,288	19,227	14,373				89	17	14	32			398	

Village Totals		12,767	115,040	155,317	48,567	68,689	15,193	110	226	269	97	118	34	1,148				
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Other Sizes		1.5"	2"	4"
Village Totals		2,391	75	1,292

EXHIBIT A-2

Bolingbrook Tools, Machinery & Equipment

See Attached Lists.

Village of Bolingbrook
Water System Inventory
October 1996

Ductile iron full lengths

3" 4
4" 2
6" 22
10" 13
12" 2
24" 1 Not Class 52

Valves

3" 1
4" 1
6" 6 Hydrant valves and MJ
8" 4

Valve boxes 2

Valve box extensions assorted sizes 14

B-boxes	minn.	4	saddle type	2	
			extensions	3	
			bottoms	6	
			covers: scissor style	24	
			city water style	3	
			1 1/4 minn. style		10
			1 1/2 minn. style	1	

SS repair clamps:

3"x12	3				
4"x12	4	4"x20	1		
6"x12	7	6"x12 with corp	3	3/4" & 1"	6"x20 1
8"x12	4	8"x12 with corp	9	3/4" & 1"	8"x20 1
10"x12	3	10"x12 with corp	5	3/4" & 1"	
12"x12	3	12"x12 with corp	1		
16"x16	1				

Brass:

3/4" curb stop 49
3/4" corps 13
3/4" couplers 8
1" curb stop 15
1" corp 36
1" coupler 14

K-Copper:

3/4" 120'
1" 50'
2" 40'

Hydrant parts:

Waterous
18" extensions 2
12" traffic repair kits 2
valve seats 7
cross arms 20
shaft 1

East Jordan
18" extensions 1
12" extensions 2
shaft 1
Miscellaneous gaskets, "o" rings, caps

1 Watermain tapping tool
8 8' b-box keys
1 10' b-box key
1 12' b-box key
1 flex key
8 hydrant diffusers

NEPTUNE WATER METERS

50 - 5/8 x 3/4" Meters	T-10
33 - 3/4" SL Meters	T-10
6 - 1" Meters	T-10
9 - 1 1/2" Meters	T-10
1 - 2" Meter	T-10
2 - 3" Compound Meter w/3" Strainer	
1 - 2" Compound Meter	
290 Tailpiece Sets w/Gaskets	
100-150 Touch Pads	
9 - 3" Hydrant Meters Most w/Valve	
3 - 1" Hydrant Meter	
1 - 3/4" Hydrant Meter	
1 - 5/8" Hydrant Meter	

In Stock 10/96.

EXHIBIT A-3

Bolingbrook Real Property

The real property associated with the following water system assets:

- Wells 1 & 2, and Tower #1
382 East Boughton Road
- Tower #2 and Wellhouse #6
1000 Janes Avenue
- Tower #3
286 Janes Avenue
- Wellhouse #3
601 Rockhurst Road
- Wellhouse #4
283 Janes Avenue
- Wellhouse #5
453 Sword Way
- Wellhouse #10, Tower #4
1451 West Boughton Road
- Wellhouse #12
555 South Weber Road
- Ground Storage Tank and Booster Station
1380 West Boughton Road

Legal descriptions to be submitted prior to the Closing.

EXHIBIT A-4

Bolingbrook Water Production Facilities,
such as Pipes, Mains, Meters & Storage Facilities

See Attached Lists.

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: WELLS 1 & 2

LOCATION: 382 EAST BOUGHTON ROAD

PROPERTY: NEED TO CREATE EASEMENT
(CURRENTLY PUBLIC WORKS GARAGE)

PIN #: 02-02-400-022

TITLE POLICY:

BUILDING: BRICK 22' X 30'

CONTENTS: 1 ALLEN-BRADLEY CONTROL CENTER/COMPUTER SLC
5/02 CPU
1 BRISTOL CHART RECORDER
1 CHLOR-GUARD CHLORINE GAS DETECTOR
2 BERKELEY 1 HP BOOSTER PUMPS
2 SPARLING 6" WATER METERS
1 STARLING 2-PEN CHART RECORDER
1 3/4" NEPTUNE PROREAD WATER METER
2 SCALETRON DIGITAL ELECTRIC CHLORINE
SCALES.
4 SCALE STORE 1000# BEAM SCALES
3 LMI 151-91 CHEMICAL PUMPS
1 LMI 171-150 CHEMICAL PUMP
2 SETS OF REGAL CHLORINE FEED SYSTEM;
INCLUDED ARE 4 REGULATORS, 2 FEED RATE
ADJUSTERS, 2 SWITCH OVERS, 2 INJECTORS
2 530 GPM SUBMERSIBLE PUMPS; WELL #1 IS A
SUMO, WELL #2 IS A LAYNE-WESTEIN

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: TOWER #1

LOCATION: 382 EAST BOUGHTON ROAD

PROPERTY: NEED TO CREATE EASEMENT
(CURRENTLY PUBLIC WORKS GARAGE)

PIN #: 02-02-400-022

TITLE POLICY:

BUILDING: 300,000 GALLON HORTON WATERSPHEROID

CONTENTS: HARCO CATHODIC PROTECTION
MISCELLANEOUS RADIO EQUIPMENT

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: TOWER #1

LOCATION: 382 EAST BOUGHTON ROAD

PROPERTY: NEED TO CREATE EASEMENT
(CURRENTLY PUBLIC WORKS GARAGE)

PIN #:

TITLE POLICY:

BUILDING: 300,000 GALLON HORTON WATERSPHEROID

CONTENTS: HARCO TASE VII CATHODIC PROTECTION RECTIFIER
MISCELLANEOUS RADIO EQUIPMENT

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: TOWER #2
LOCATION: 1000 JANES AVENUE
PROPERTY: LOT 1039 IVANHOE #7
PIN #: 08-36-306-031
TITLE POLICY:
BUILDING: 500,000 GALLON HORTON WATERSPHEROID
CONTENTS: 1 FLOYD BELL INC, PROTECTIFIER

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: TOWER #3
LOCATION: 286 JANES AVENUE
PROPERTY:
PIN #: 02-12-200-004
TITLE POLICY:
BUILDING: 500,000 GALLON HORTON WATERSPHEROID
CONTENTS: 1 HARCO WATERWORKS C.P. CATHODIC PROTECTION
EROSION CONTROL

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: WELLHOUSE #3

LOCATION: 601 ROCKHURST ROAD

PROPERTY:

PIN #: 02-12-325-016

TITLE POLICY:

BUILDING: BRICK APPROXIMATE SIZE 16' X 28'

CONTENTS:

- 1 KLOCKNER/MUELLER CONTROL PANEL
- 1 DETROIT DIESEL GENERATOR ENGINE
- 1 LAMARCHE CONSTAVOLT FLOAT CHARGER
- 1 US MOTORS ELECTRIC MOTOR HP50
- 1 LAYNE PUMP 6" 550 GPM LINE SHAFT
- 1 FUEL TANK
- 1 STA-RITE BOOSTER PUMP 1HP
- 1 CHLOR-GUARD CHLORINE GAS DETECTOR
- 1 ROCKWELL 6" METER
- 2 SCALE STORE BEAM SCALES 1000#
- 2 LMI A151-91 CHEMICAL PUMPS
- 1 WALLACE & TIERNAN CHLORINE CYLINDER SCALE
- 1 REGAL CHLORINE FEED SYSTEM; INCLUDES 2
REGULATORS, 1 FLOW ADJUSTER, 1 SWITCH OVER
AND 1 INJECTOR

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: WELLHOUSE #4

LOCATION: 283 JANES AVENUE

PROPERTY:

PIN #: 02-12-319-082

TITLE POLICY:

BUILDING: BRICK APPROXIMATE SIZE 16' X 28'

CONTENTS:

- 1 KLOCKNER/MUELLER CONTROL PANEL
- 1 DETROIT DIESEL GENERATOR ENGINE
- 1 LAMARCHE CONSTAVOLT FLOAT CHARGER
- 1 US MOTORS ELECTRIC MOTOR HP60
- 1 LAYNE PUMP 6" 550 GPM LINE SHAFT
- 1 FUEL TANK
- 1 6" SPARLING WATER METER
- 1 GOULDS BOOSTER PUMP HP1
- 1 SPARLING CHART RECORDER
- 1 DICKSON CHART RECORDER
- 1 FAIRBANKS BEAM SCALE 1000#
- 1 SCALE STOVE BEAM SCALE 1000#
- 2 LMI A151-91 CHEMICAL PUMPS
- 1 WALLACE & TIERNAN CHLORINE FEED SYSTEM;
INCLUDES 2 REGULATORS, 1 V100 CHLORINATOR
AND 1 INJECTOR
- 1 WALLACE & TIERNAN CHLORINE CYLINDER SCALES
- 1 CHLOR-GUARD CHLORINE GAS DETECTOR

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: WELLHOUSE #5

LOCATION: 453 SWORD WAY

PROPERTY: LOT 717 IVANHOE #5

PIN #: 02-12-102-002

TITLE POLICY:

BUILDING: BRICK APPROXIMATE SIZE 17' X 31'

CONTENTS:

- 1 POLYPHASE INDUCTION MOTOR HP100 BY IDEAL ELECTRIC
- 1 8" SENSUS WATER METER
- 1 ROCKWELL TOTALIZER - 8"
- 1 BRISTOL CHART RECORDER
- 1 CHLOR-GUARD CHLORINE GAS DETECTOR
- 1 ALLIS - CHALMERS ELECTRIC CONTROL CENTER
- 1 ALLEN-BRADLEY DISCONNECT
- 2 FAIRBANK BEAM SCALES 1000# RATING
- 2 LMI 151-91 CHEMICAL PUMPS
- 1 BERKELEY BOOSTER PUMP 1HP
- 1 WALLACE & TIERNAN CHLORINE CYLINDER SCALE
- 1 REGAL CHLORINE INJECTION SYSTEM INCLUDES 1 COMBO REGULATOR/RATE ADJUSTER UNIT, 1 INJECTOR
- 1 8" PEERLESS PUMP 1000GPM LINE SHAFT

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: WELLHOUSE #6

LOCATION: 1000 JANES AVENUE

PROPERTY: LOT 1039 IVANHOE #7

PIN #: 08-36-306-031

TITLE POLICY:

BUILDING: BRICK/ALUM SIDING APPROXIMATE SIZE 14' X 30'

CONTENTS:

- 1 KLOCKNER-MOELLER SERIES 200 CONTROL CENTER
- 1 CHLOR-ALARM CHLORINE GAS DETECTOR
- 1 HONEYWELL 2-PEN CHART RECORDER
- 1 ROCKWELL TOTALIZER 10" MODEL
- 1 SENSUS 10" WATER METER
- 1 U.S. ELECTRICAL MOTOR HP150
- 1 PEERLESS 14" PUMP 1330 GPM LINE SHAFT
- 1 ADT FOCUS BUILDING ALARM
- 2 FAIRBANKS BEAM SCALES 1000#
- 1 LMI 101-91 CHEMICAL PUMP
- 1 LMI 151-91 CHEMICAL PUMP
- 1 GOULDS BOOSTER PUMP 1HP
- 1 WALLACE & TIERNAN CHLORINE CYLINDER SCALE
- 1 REGAL CHLORINE FEED SYSTEM; INCLUDES 2
REGULATORS, 1 RATE ADJUSTER UNIT, 1 SWITCH
OVER AND 1 INJECTOR

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: WELLHOUSE #10

LOCATION: 1451 WEST BOUGHTON ROAD

PROPERTY:

PIN #: 02-07-400-009

TITLE POLICY:

BUILDING: BRICK APPROXIMATE SIZE 14' X 27'

CONTENTS:

- 1 UNICLOSED MOTOR, 25HP, BY US ELECTRICAL MOTORS
- 1 PUMP PEERLESS 6" 300 GPM LINE SHAFT
- 1 1HP STA-RITE BOOSTER PUMP
- 1 6" SENSUS PROPELLER METER
- 1 CHLOR-GUARD CHLORINE GAS DETECTOR
- 1 DICKERSON CHART RECORDER
- 1 ADAS DIA LOG DIALER
- 1 TELESAFE SCADA SYSTEM W/TOUCHSCREEN
- 2 FAIRBANKS BEAM SCALES 1000#
- 1 WALLACE & TIERNAN CHLORINE CYLINDER SCALE
- 1 REGAL CHLORINE INJECTION SYSTEM; INCLUDES 2 REGULATORS, 1 SWITCH OVER, 1 RATE ADJUSTMENT CONTROL, AND INJECTOR SETUP.
- 1 LMI P121 PUMP
- 1 LMI A101-91

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: TOWER #4

LOCATION: 1451 WEST BOUGHTON ROAD

PROPERTY:

PIN #: 02-07-400-009

TITLE POLICY:

BUILDING: 200,000 GALLON HORTON WATERSPHEROID

CONTENTS: 1 WALLACE & TIERNAN POLATOL ELECTRO RUST
PROOFING SYSTEM
MISCELLANEOUS RADIO EQUIPMENT

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: WELLHOUSE #12

LOCATION: 555 SOUTH WEBER ROAD

PROPERTY: NEED SUBDIVISION OR EASEMENT

PIN #: 02-19-200-014

TITLE POLICY:

BUILDING: 1 WELLHOUSE BRICK/ALUM SIDES APPROXIMATE SIZE
20' X 30'

CONTENTS: 1 BW/IP INTERNATIONAL, INC., SUBMERSIBLE PUMP
AND MOTOR 680 GPM
1 TELESafe VS/3 SCADA SYSTEMS
1 FIRE LITE ALARMS, MINISCAN 4012
1 ALLEN-BRADLEY DISCONNECT
1 GENERAL ELECTRIC TRANSFORMER 30.0 KVA .
1 6" SPARLING WATER METER
1 SPARLING CHART RECORDER
1 WEBTROL BOOSTER PUMP
1 WALLACE & TIERNAN CHLORINE GAS DETECTOR
1 SCALETRON, INC., CHLORINE DIGITAL CYLINDER
SCALE
1 WALLACE & TIERNAN CHLORINE INJECTION
SYSTEM; INCLUDES 2 REGULATORS, 1 V-NOTCH
100 FLOW ADJUSTER AND 1 INJECTOR
1 800# HYDRAULIC "DRUM SCALE" BY FORCE FLOW
EQUIPMENT
1 400# HYDRAULIC "DRUM SCALE"
2 LMI CHEMICAL PUMPS A151-91
1 STAINLESS STEEL DRINKING FOUNTAIN

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: GROUND STORAGE TANK

LOCATION: 1380 WEST BOUGHTON ROAD

PROPERTY:

PIN #: 02-07-202-001

TITLE POLICY:

BUILDING: PEABODY TEC TANK 728,500 GALLON BOLT TOGETHER
GLASS LINED STEEL TANK

CONTENTS:

VILLAGE OF BOLINGBROOK

WATER SYSTEM INVENTORY

OCTOBER 1996

DESCRIPTION: BOOSTER STATION

LOCATION: 1380 WEST BOUGHTON ROAD

PROPERTY:

PIN #: 02-07-202-001

TITLE POLICY:

BUILDING: BLOCK APPROXIMATELY 12' X 20'

CONTENTS: 3 MARATHON 75HP MOTORS W/BERKELEY PUMPS
APPROXIMATELY 1000 GPM EACH
1 ADAS DIA LOG AUTO DIALER
1 WESTINGHOUSE SERIES 2100 CONTROL CENTER
1 WESTINGHOUSE DOUBLE THROW SAFETY SWITCH
1 GREAT LAKES TOTALIZER MODEL 67SF
1 TELESafe SCADA SYSTEM

EXHIBIT A-5
Bolingbrook Contracts

NONE

EXHIBIT B-1
Citizens Inventory

NONE

EXHIBIT B-2

Citizens Tools, Machinery & Equipment

See Attached Lists.

WRF #1 EQUIPMENT LIST

8/15/96

EQUIPMENT	MODEL	TYPE	SERIAL#	SPECIFICATIONS	LOCATION	CATEGORY	MANUFACTURER
BLOWER 1	74107A4	CENTRIFUGAL	M042860WS2857	25 PSIG	BLOWER BLD.	BLOWER	HOFFMAN
BLOWER 2	88RAIV	ROTARY LOBE	33363		BLOWER BLD.	BLOWER	ROOTS
BLOWER 3	88RAIV	ROTARY LOBE	38946		BLOWER BLD.	BLOWER	ROOTS
BLOWER 4	68URAI	ROTARY LOBE	93N69366		BLOWER BLD.	BLOWER	ROOTS
BLOWER 5	88RAIV	ROTARY LOBE	37792		BLOWER BLD.	BLOWER	ROOTS
BLOWER 6	RAI 58AHM	ROTARY LOBE	27265		BLOWER BLD.	BLOWER	ROOTS
BLOWER FILTERS	CCS-6	PT#34-206AA	M1070-90	6 UNITS	BLOWER BLD.	FILTER	
BLOWER MOTOR 1	H007W12W293R097M	RODP		75 HP	BLOWER BLD.	MOTOR	US MOTOR
BLOWER MOTOR 2	8E286TTDR7026BCWR	TDRBE	792660	30 HP	BLOWER BLD.	MOTOR	MARATHON
BLOWER MOTOR 3	5K5284LA205B H4	KS	FRAME 284T	25 HP	BLOWER BLD.	MOTOR	GE
BLOWER MOTOR 4	5K5286AD205B	KS	VLHK3A027E53-24	30 HP	BLOWER BLD.	MOTOR	GE
BLOWER MOTOR 5	F-324T	B	1204315	40 HP	BLOWER BLD.	MOTOR	LINCOLN
BLOWER MOTOR 6	5K3286AD205A	FR-286T	PEK9A030E42	30 HP	BLOWER BLD.	MOTOR	GE
SLUDGE MOTOR E.	5K1848C220	K	56501531	5HP	BLOWER BLD.	MOTOR	GE
SLUDGE PUMP E.	SPD 50MH4	SUBMERSIBLE		0.5 HP	BLOWER BLD.	PUMP	HYDROMATIC
MCC CONTROL PANEL	89B5WA556-1	BB SERIES	JOB#PWA556-1		BLOWER BLD.	CONTROL	FURNACE
CHAINFALL SYSTEM	BP2	1-TON		I-BEAM SYSTEM	BLOWER BLD.	GENERAL	YALE
N.E. RAS MOTOR	CAT#VM3710T	RPM-1725	37A03X53	7.5 HP	BLOWER BLD.	MOTOR	BALDOR
N.E. RAS PUMP	VPMLMC4	TDH-30	61-10086-A	450 GPM	BLOWER BLD.	PUMP	CHICAGO PUMP
N.W. RAS MOTOR	UTTE	FR-286TC	A978N06N097R081F	10 HP	BLOWER BLD.	MOTOR	US MOTOR
N.W. RAS PUMP	61-24824-A	VPMLM4	6124824	550 GPM	BLOWER BLD.	PUMP	CHICAGO PUMP
POLYMER PUMP	A151-925	LMI	91072677	OUT-24GPD	BLOWER BLD.	PUMP	MILTON ROY
PRI-SLUDGE METER	SC80AS	K480/6	915004 A3	4 INCH	BLOWER BLD.	METER	KROHNE
RAS EXHAUST SYS.	5K1135KG311ES	1725 RPM		1 1/4 HP	BLOWER BLD.	GENERAL	GE
RAS CONTROLLER	1334-EJB		SERIES B E631		BLOWER BLD.	CONTROL	ALLEN BRADLEY
RAS METER	SC80AS	K480/6	914438 61	8"	BLOWER BLD.	METER	KROHNE
ROOF EXHAUST SYS-N	3N017F	PF			BLOWER BLD.	GENERAL	DAYTON
ROOF EXHAUST SYS-S	3N017F	PF			BLOWER BLD.	GENERAL	DAYTON
S.W. RAS MOTOR	UTTE	FR-256TC	A978N06N097R018F	10HP	BLOWER BLD.	MOTOR	US MOTOR
S.W. RAS PUMP	6124824	VPMLM4	6124824-B	550GPM	BLOWER BLD.	PUMP	CHICAGO PUMP
SUMP PUMP	STH-101	SUBMERSIBLE	62551-1277		BLOWER BLD.	PUMP	PEABODY-BARNES
WASTE METER	1FG-808	MP	9144740	2 INCH	BLOWER BLD.	METER	KROHNE
WEST SLUDGE MOTOR	5K1848C220	K	56501528	5HP	BLOWER BLD.	MOTOR	GE
WEST SLUDGE PUMP					BLOWER BLD.	PUMP	
POLYMER MIXER	C6017FB1E	N	110012.3	1/2 HP	BLOWER BLD.	MOTOR	LEESON
VALVE CONTROL	P291-6		32061.2	1/50 HP	BLOWER BLD.	CONTROL	EIM
VALVE				4"	BLOWER BLD.	VALVE	DEZURIK
COLLECTOR 1	RPM-860/710	FR-7412WRC	ID-375105	1/6 HP	PRIMARY	DRIVE	ENVIREX
COLLECTOR 2	860/710 RPM	FR-7412RC	656384-FN	1/6 HP	FINAL TANK	DRIVE	ENVIREX
COLLECTOR 3	FR-7430RC	575 RPM	654251-FN	1/6 HP	FINAL TANK	DRIVE	ENVIREX

WRF #1 EQUIPMENT LIST

8/15/96

EQUIPMENT	MODEL	TYPE	SERIAL#	SPECIFICATIONS	LOCATION	CATAGORY	MANUFACTURER
COLLECTOR 45	2KZ5-125S	642 RPM	M06-841253		FINAL TANK	DRIVE	FALK
COLLECTOR 45 MOTOR	5K143HK218	FR-143T		1/2 HP	FINAL TANK	MOTOR	GE
COLLECTOR SPARE	R7312431P	CL1	S0 850002199 1	RAT-2339-1	STORAGE CAGE	DRIVE	REX
SPARE COLLTR MTR		FR-EC56C	P56H5069 T US	1/2 HP	STORAGE CAGE	MOTOR	RELIANCE
SPARE PARTS	MISC NUTS&BOLTS			ASSORTED	STORAGE CAGE	SPARE PARTS	MISC
SPARE PARTS	CHAIN	COLLECTOR		PLASTIC	STORAGE CAGE	SPARE PARTS	BUDD
SPARE PARTS	O-RING KIT	VARIOUS SIZES			STORAGE CAGE	SPARE PARTS	
SPARE PARTS	SAMPLER TUBING	50 FEET		FOR SIRCO UNITS	STORAGE CAGE	SPARE PARTS	
SPARE PARTS	PVC PIPE & FITTINGS	SCHD-80		ASSORTED SIZES	STORAGE CAGE	SPARE PARTS	
SPARE PARTS	LIGHT BULBS	VARIOUS SIZES		FOR MCC PANELS	STORAGE CAGE	SPARE PARTS	
SPARE PARTS	FUSES	VARIOUS SIZES			STORAGE CAGE	SPARE PARTS	MISC
TOOLS	YARD RAKES	2			STORAGE CAGE	TOOLS	
TOOLS	PITCH FORKS	4		FOR DRYING BEDS	STORAGE CAGE	TOOLS	
AERATION SYSTEM		IFU		FINE BUBBLE	AERATION TANK	AER SYSTEM	ENVIREX
RAS LEVEL CONTROL	082-40210313	DPDT: 10A RESIS	953300	OUT 4-20MA	RAS PIT	CONTROL	MAGNETROL
POND EFFLUENT METER		TURBIN	122240		POND EFFLUENT	METER	SPARLING
DEODERANT PUMP 1	45LPD	931116378		12GPD	DIGESTER	PUMP	MATCO
DEODERANT PUMP 2	45LPD	931116378		12GPD	DIGESTER	PUMP	MATCO
AERATION SYSTEM		COURSE		TUBE TYPE	DIGESTER	AER SYSTEM	SANITAIRE
AIR HANDLING MAIN UNIT					PUMP BLD.	GENERAL	
AUX GENERATOR	140WE-4XR8/7699A	125KW	569116995		PUMP BLD.	GENERATOR	ONAN
GENERATOR ENGINE	H884U	G-20683	65X1689	1800 RPM	PUMP BLD.	MOTOR	ROLLIN
GENERATOR RADIATOR	75 C69		V28070		PUMP BLD.	MOTOR PART	PERFEX
GENSET FAN MOTOR	M1494	RPM 860	427189	5 HP	PUMP BLD.	MOTOR	LINCOLN
CL2 LEAK DETECTOR	50-135		AN81457		PUMP BLD.	CHLORINATOR	W&T
COMPRESSOR	67-ACC-645	BUILT 1969	J5160	220 PSI	PUMP BLD.	GENERAL	GARDNER-DENVER
COMPRESSOR MOTOR	19422L-5 G20	COG4B		2.0 HP	PUMP BLD.	MOTOR	PACER
CRANE	L1 TON		L1215K2	1 HP	PUMP BLD.	GENERAL	LOADSTAR
DIALER	MCS 250RV		2073-4687		PUMP BLD.	GENERAL	MICROTEL
DIVERSION METER	IFC-080/F	MAG	A92 9472	GK 26 244	PUMP BLD.	METER	KROHNE
DRYWELL EXHAUST MTR	5KH43MG284		173640 STK#-H183	1/4 HP	PUMP BLD.	GENERAL	GE
EAST SUMP PUMP	SPD 50MH4	SUBMERSIBLE		0.5 HP	PUMP BLD.	PUMP	HYDROMATIC
FLOW RECORDER	392 RECORDER	3 PEN	9204-3583		PUMP BLD.	CONTROL	CHESSELL
FROTH SPRAY 1 MOTOR	FR-145T	3475 RPM	5K145AL25	3 HP	PUMP BLD.	MOTOR	GE
FROTH SPRAY 2 MOTOR	FR-145T 528	3450 RPM	35B01-186	5 HP	PUMP BLD.	MOTOR	BALDOR
FROTH SPRAY PUMP 1		1-CN-42	A-203105	IMP DIA-4 3/4"	PUMP BLD.	PUMP	WORTHINGTON
FROTH SPRAY PUMP 2	F-610-AM	IMP#-2683848	379328	IMP DIA-4 3/4"	PUMP BLD.	PUMP	FMC-PEERLESS
HOT WATER HEATER	22-30-1	GAS	RN0185400550	30 GALLON	PUMP BLD.	GENERAL	RHEEM
NORTH DIGESTER MOTOR	CAT#-M3714T	FR-215T	SER-F103	10 HP	PUMP BLD.	MOTOR	BALDOR
NORTH DIGESTER PUMP	4X11	E	6896013-1	CAP=200	PUMP BLD.	PUMP	WEMCO

WRF #1 EQUIPMENT LIST

8/15/98

EQUIPMENT	MODEL	TYPE	SERIAL#	SPECIFICATIONS	LOCATION	CATEGORY	MANUFACTURER
PUMP CONTROL	IWS-2013		IWS9202-3202		PUMP BLDG	CONTROL	NEMATRON
RAW REFRIGERATOR	564993561	STAND ALONE	950914203	K12	PUMP BLD.	GENERAL	SEARS [KENMORE]
RAW SAMPLER	CVS-CTIRCI-BD		CSM-892424		PUMP BLD.	SAMPLER	SIRCO
SOUTH DIGESTER MOTOR	M3714T	FR-215T	F186	10 HP	PUMP BLD.	MOTOR	BALDOR
SOUTH DIGESTER PUMP	4X11	E	6896013-2	CAP=200	PUMP BLD.	PUMP	WEMCO
WASHROOM UNIT HEAT	3E 225	GAS	Q9042526	25000 BTU	PUMP BLD.	GENERAL	DAYTON
WEST EXHAUST FAN	CLASS A	FR-A919	19-10-478A	1/3 HP	PUMP BLD.	GENERAL	ILG INDUSTRIES
WEST SUMP PUMP	SPD50MH4	SUBMERSIBLE		0.5 HP	PUMP BLD.	PUMP	HYDROMATIC
BSTER PMP GENERATOR	LP901B	SS	2QH48517D1051K	1/8 HP	PUMP BLD.	MOTOR	TEEL
EUROTHERM CONTROL	808E+02	1/NO/NO/AA02/Q1	A54621003-005-95-02		PUMP BLD.	CONTROL	EUROTHERM/FLOLO
VAS CONTRL ENCLOSURE	SOM 7624	DWG #7624-0113	F004380		PUMP BLDG	HOUSING	FLOLO
INFLUENT FLOW METER	K480	6	914161	12"	PUMP BLD.	METER	KROHNE
MCC PANEL				PUMP CONTROLS	PUMP BLD.	CONTROL	WESTINGHOUSE
NORTH EXHAUST FAN	FRA919		19-10-478A	1/3 HP	PUMP BLD.	GENERAL	ILG INDUSTRIES
REFRIGERATOR	106.935429	C14TFA95	EE1513401	SEARS	PUMP BLD.	REFRIDGERATOR	KENMORE
POND BACKDRAIN METER	9140		140024		PUMP BLD.	METER	INVENTRON
DYNAPAR	2		C368177-0090		PUMP BLD.	METER	DYNAPAR
RAW PUMP 1	1760 RPM	SUBMERSIBLE	3201 180-5855 15	47 HP	PUMP BLD.	PUMP	FLYGT
RAW PUMP 2	1160 RPM	SUBMERSIBLE	3201 180-5083 15	35 HP	PUMP BLD.	PUMP	FLYGT
RAW PUMP 3	1750 RPM	SUBMERSIBLE	32011 180-4940450 452	47 HP	PUMP BLD.	PUMP	FLYGT
RAW PUMP 4	1750 RPM	SUBMERSIBLE	3152 181 6129 15	20 HP	PUMP BLD.	PUMP	FLYGT
RAW PUMP 5	1170 RPM	SUBMERSIBLE	3170 180-5127 15	25 HP	PUMP BLD.	PUMP	FLYGT
RAW PUMP 6	1750 RPM	SUBMERSIBLE	3126 180 1500 24	9.4 HP	WETWELL	PUMP	FLYGT
RAW PUMP 7	1750 RPM	SUBMERSIBLE	3126 180 1500 26	9.4 HP	WETWELL	PUMP	FLYGT
WETWELL EXHAUST FAN	CAT-3743	CRF-135	CODE-216-013KA	1/2 HP	WETWELL	GENERAL	ILG INDUSTRIES
LEVEL CONTROLLER	082-8303-400		1137661		WETWELL	CONTROL	MAGNETROL
OVEN	516G	SERIES 500	21100275	ISO-TEMP	LAB	LAB EQUIPMENT	FISCHER SCIENTIFIC
BALANCE	H-10	H-10	470648		LAB	LAB EQUIPMENT	METTLER
MICROSCOPE	150	SERIES-150.160			LAB	LAB EQUIPMENT	AMERICAN OPTICAL
VACUUM PUMP	M-025		24-12135		LAB	LAB EQUIPMENT	PRECISION
BACK FLOW PREVENTER	RP-2 ST#96767-02F	RPZ	BP87		CHLORINE ROOM	GENERAL	
CHLORINE INJECTOR 1	U27351		AN22562		CHLORINE ROOM	CHLORINATOR	W&T
CHLORINE INJECTOR 2	U27354		AN01794		CHLORINE ROOM	CHLORINATOR	W&T
CHLORINE INJECTOR 3	U27354		AN01010		CHLORINE ROOM	CHLORINATOR	W&T
CHLORINE PACER	1000 AUTOVALVE	V-115			CHLORINE ROOM	CHLORINATOR	ECOMETRICS INC.
CHLORINE SCALES	DUAL PAN			3 UNITS	CHLORINE ROOM	CHLORINATOR	W&T
EXHAUST FAN	GE UNIT PV-163	1725 RPM	CAT#-E1289		CHLORINE ROOM	GENERAL	ILG INDUSTRIES
SALT SPREADER		TRUE TEMPER	N/A	N/A	STORAGE	GENERAL	CYCLONE
DECHLOR PUMP 1	C731-2005	PSI-60	92017461	192GPD	DECHLOR BLD.	PUMP	MILTON ROY
DECHLOR PUMP 2	C731-2005	PSI-60	920410581	192GPD	DECHLOR BLD.	PUMP	MILTON ROY

WRF #1 EQUIPMENT LIST

8/15/96

EQUIPMENT	MODEL	TYPE	SERIAL#	SPECIFICATIONS	LOCATION	CATAGORY	MANUFACTURER
MIXER MOTOR	1725 RPM	FR-96	W11-91	0.5 HP	DECHLOR BLD.	MOTOR	BALDOR
SAMPLER AIR COMPRESSOR	T-617A		1092000271		DECHLOR BLD.	COMPRESSOR	THOMAS POWER
TITRATOR				PBB	DECHLOR BLD.	LAB EQUIPMENT	W&T
UNIT HEATER	300E+225	GAS	Q9141062	25000 BTU	DECHLOR BLD.	GENERAL	DAYTON
EFFLUENT COMP SAMPLER	CVSCMIRCI-BD	P.O. F0041B1	CSM-952820		DECHLOR BLD.	SAMPLER	SIRCO
DECHLOR SOLUTION BRL	350 GAL	PLASTIC			DECHLOR BLD.	DECHLORINATION	
DECHLOR PACER	28479-11	DIRECT	89070052	.2A	DECHLOR BLD.	DECHLORINATION	LMI
EFFLUENT METER	9140		14968-1		DECHLOR BLDG	METER	INVENTRON
TRANSFER METER	IFC-080	SMART	9110002	6"	MANHOLE	METER	KHRONE

NO. 454 P002

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EQUIPMENT	MODEL	TYPE	SERIAL	SPECIFICATIONS	LOCATION	CATEGORY	MANUFACTURER
BLOWER 1	1021-RASJV	ROTARY LOBE	34905	2800CFM	BLOWER ROOM	BLOWER	ROOTS
BLOWER 2	C-466	CENTRIFUGAL	500043	1800CFM	BLOWER ROOM	BLOWER	SPENCER
BLOWER 3	C-466	CENTRIFUGAL	500042	1800CFM	BLOWER ROOM	BLOWER	SPENCER
BLOWER 4	C-466	CENTRIFUGAL	500044	1800CFM	BLOWER ROOM	BLOWER	SPENCER
BLOWER 5	1021-RASJ	ROTARY LOBE	34906	2800CFM	BLOWER ROOM	BLOWER	ROOTS
BLOWER FILTERS							
BLOWER MOTOR 1	FR-405T		ID-1MA455751-G1-KX	125 HP	BLOWER ROOM	MOTOR	RELIANCE
BLOWER MOTOR 2	FR-365TS DP		ID-C858/X01W2520621R-2	100 HP	BLOWER ROOM	MOTOR	US MOTOR
BLOWER MOTOR 3	FR-365TS DP		ID-C858/X01W2520621R-1	100 HP	BLOWER ROOM	MOTOR	US MOTOR
BLOWER MOTOR 4	FR-365TS DP		ID-C858/X01W2520621R-3	100 HP	BLOWER ROOM	MOTOR	US MOTOR
BLOWER MOTOR 5	M-132 FR-444T		S-1-5103-31676-2-1	160 HP	BLOWER ROOM	MOTOR	SIEMENS
AIR COMPRESSOR 1	CK1606		D93A94012BL	400 RPM	BLOWER ROOM	COMPRESSOR	CURTIS-TOLEDO
AIR COMPRESSOR 2	CK1606		D93 02K920048L	400 RPM	BLOWER ROOM	COMPRESSOR	CURTIS-TOLEDO
AIR COMP MOTOR 1	TV4922	FR-145T	41931118387	2 HP	BLOWER ROOM	MOTOR	LINCOLN
AIR COMP MOTOR 2	TV4922	FR-145T	41930410437	2 HP	BLOWER ROOM	MOTOR	LINCOLN
TRANSFER SWITCH A	STYLE-X63119		CAT#XU-366	600A	BLOWER ROOM	CONTROL	WESTINGHOUSE
TRANSFER SWITCH B	STYLE-X63119		CAT#XU-366	600A	BLOWER ROOM	CONTROL	WESTINGHOUSE
DIGITAL PRESS GAUGES		3- UNITS		10PSI	BLOWER ROOM	GAUGE	MERIAM INSTRUMENT
AIR MONITOR A	7200AZ		2559	ELECTRONIC	BLOWER ROOM	GAUGE	VELTRON
AIR MONITOR B	7200AZ		2558	ELECTRONIC	BLOWER ROOM	GAUGE	VELTRON
PLT DRAIN MOTOR 1	TBLG 6TY-70C80245		7009	7.5 HP	CNTRL BLD BASE	MOTOR	WESTINGHOUSE
PLT DRAIN MOTOR 2	TBLG 6TY-70C80245			7.5 HP	CNTRL BLD BASE	MOTOR	WESTINGHOUSE
PLT DRAIN PUMP 1	VPMLL4		6107979-3-B		CNTRL BLD BASE	PUMP	CHICAGO PUMP
PLT DRAIN PUMP 2	LL4		98028 08		CNTRL BLD BASE	PUMP	CHICAGO PUMP
PRI SDG PUMP 1	E CL DIA-7.25	IMP-52139A	7097113-4	100 GPM	CNTRL BLD BASE	PUMP	WEMCO
PRI SDG PUMP 2	E CL DIA-7.25	IMP-52139A	7097113-3	100 GPM	CNTRL BLD BASE	PUMP	WEMCO
PRI SDG MOTOR 1	CQ4B	FR-284T	121624320010M70	7.5 HP	CNTRL BLD BASE	MOTOR	LOUIS ALLIS
PRI SDG MOTOR 2	CQ4B	FR-284T	121624320020M70	7.5 HP	CNTRL BLD BASE	MOTOR	LOUIS ALLIS
DIG SDG PUMP 1	E 1170RPM HD-28'	IMP-62139AL	7097113-2	400 GPM CL	CNTRL BLD BASE	PUMP	WEMCO
DIG SDG PUMP 2	E 1170RPM HD-28'	IMP-62139AL	7097113-1	400 GPM CL	CNTRL BLD BASE	PUMP	WEMCO
DIG SDG MOTOR 1	CQ4B	FR-284T	121623001	15 HP	CNTRL BLD BASE	MOTOR	LOUIS ALLIS
DIG SDG MOTOR 2	CQ4B	FR-284T	121623002	15 HP	CNTRL BLD BASE	MOTOR	LOUIS ALLIS
RAS MOTOR 1	10D02-603	FR-286TC	CAT#CM2528T	20 HP	CNTRL BLD BASE	MOTOR	BALDOR
RAS MOTOR 2	WHRV365UP		G80961	20 HP	CNTRL BLD BASE	MOTOR	CONTINENTAL
RAS MOTOR 3	10D02-603	FR-286TC	CAT#CM2528T	20 HP	CNTRL BLD BASE	MOTOR	BALDOR
RAS PUMP 1	VPMLL4	TDH 37	61-07979-4	500 GPM	CNTRL BLD BASE	PUMP	CHICAGO PUMP
RAS PUMP 2	VPMLL4	TDH 37	61-07979-2-B	500 GPM	CNTRL BLD BASE	PUMP	CHICAGO PUMP
RAS PUMP 3	VPMLL4	TDH 37	61-07979-2-A	500 GPM	CNTRL BLD BASE	PUMP	CHICAGO PUMP
SOUTH SUMP PUMP	SPD 50 MH4	2"		0.5 HP	CNTRL BLD BASE	PUMP	HYDROMATIC
NORTH SUMP PUMP	SPD 50 MH4	2"		0.5 HP	CNTRL BLD BASE	PUMP	HYDROMATIC

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EQUIPMENT	MODEL	TYPE	SERIAL#	SPECIFICATIONS	LOCATION	CATAGORY	MANUFACTURER
WASTE METER	IFS-4000	0-400GPM	A9512579	4"	CNTRL BLD BASE	METER	KROHNE
PRI-SLUDGE METER	SC80AS	0-400GPM	916004-A1	4"	CNTRL BLD BASE	METER	KROHNE
RAS METER	IFS-4000	0-2000GPM	A9517208	6"	CNTRL BLD BASE	METER	KROHNE
DIG SDG PUMP-SPARE	MODEL-E	400 GPM	98W11803		CNTRL BLD BASE	PUMP	WEMCO
WAS VALVE CONTROL	P291-8		32061.1	1/50 HP 4"	CNTRL BLD BASE	CONTROL	EM
MCC CONTROL PANELS	CGE-80040-3			5 - UNITS 480V 1600A	CONTROL BLD.	CONTROL	WESTINGHOUSE
INFLUENT FLOW METER	D410	12" FLUME		CONTROLLER-44069	CONTROL BLD.	METER	INVENTRON
RAW SAMPLER	CVS-CT1RC1-8D		CSM-892426		CONTROL BLD.	SAMPLER	SIRCO
D.O. MONITOR A	M5520				CONTROL BLD.		EIT
D.O. MONITOR R	M5520				CONTROL BLD.		EIT
AUX GENERATOR	65.0KB-15R/7778N	81.25KVA	6870240683	ENG-IHV401	CONTROL BLD.	GENERATOR	ONAN
BOILER	421234 KEWANEE		1348	PRESS-15	CONTROL BLD.	BOILER	AMERICAN STANDARD
AIR CONDITIONER		ROOF MOUNTED			CONTROL BLD.	AIR CONDITIONER	
BLOWER CONTROLLER	ACS II	ESCOR			CONTROL BLD.	CONTROL	ENERGY STRATEGIES
HOT H2O TANK		NAT-GAS	VON5 0394129105	50 GALLONS	CONTROL BLD.	GENERAL	VAN GUARD
RIVER WOODS MCC					CONTROL BLD.	CONTROL	FLOLO
WOODLEAF LS CONTRL					CONTROL BLD.	CONTROL	WESTINGHOUSE
REFRIGERATOR 1	1082304711	SEARS	EX2116562		CONTROL BLD.	GENERAL	KENMORE
REFRIDGERATOR 2	M-TBF-100			15.6 CU FT	CONTROL BLD.	GENERAL	GE
EUROTHERM CONTROL	DRW-7624-01B		7624		CONTROL BLD.	CONTROL	EUROTHERM/FLOLO
RAS SIGNAL CONVTR	IFS-4000	IFC-080MP/F	9136233	0-2000	CONTROL BLD.	METER	KROHNE
WAS SIGNAL CONVTR	IFS-4000	IFC-080F/M/F	9137865	0-400	CONTROL BLD.	METER	KROHNE
SDG SIGNAL CONVERTER	P324410		V318083033	0-400	CONTROL BLD.	METER	KROHNE
AUTO TRANSFER SWITCH	LYDU400-4X/108408		873684328	277/480 V	CONTROL BLD.	CONTROL	ONAN
RAS VFD	BULLITT 1334	VFD UNIT		FOR 20 HP	CONTROL BLD.	CONTROL	ALLEN BRADLEY
BLOWER 2/3 MCC	MCCREF-WH239-1	NEMA-1		STYLE-698FWH239-1	CONTROL BLD.	CONTROL	FURNACE
BACK FLOW PREVENTR	RF1		EF41	ST-85419	CONTROL BLD.	CONTROL	CLA-VAL
OVEN					LAB	LAB EQUIPMENT	LABLINE
FURNACE	FB1410M		3.48921E+11	1400	LAB	LAB EQUIPMENT	THERMOLYNE
D.O. METER	Y81-57		2214		LAB	LAB EQUIPMENT	YSI
STIRRER	PC-353				LAB	LAB EQUIPMENT	CORNING
VACUUM PUMP	5711-130		8911004		LAB	LAB EQUIPMENT	SCHUCO INC.
EFL FLOW METER-W	9140		14968-3		CL2 BLD.	METER	INVENTRON
EFL FLOW METER-E	9140		14968-2		CL2 BLD.	METER	INVENTRON
CHLORINATOR	V-75 W/ V-5007NK	2 UNITS	AN-17755 & AN-17758		CL2 BLD.	CHEM FEED EQP	W&T
CHLORINE PACER	PENNWALT		AN-17745		CL2 BLD.	CONTROL	W&T
CHLORINE SCALE		DUAL CYLINDER		1 TON	CL2 BLD.		FAIRBANKS MORSE
NORTH UNIT HEATER				NAT GAS	CL2 BLD.	GENERAL	STERLING
SOUTH UNIT HEATER				NAT GAS	CL2 BLD.	GENERAL	HASTINGS
BASEMENT HEATER	3E408		C88 19460	NAT GAS	CL2 BLD.	GENERAL	DAYTON
CL2 PUMP 1		75X1X7A	95-05258-1		CL2 BLD.	PUMP	AURORA PUMP
CL2 PUMP 2		75X1X7A	95-05258-2		CL2 BLD.	PUMP	AURORA PUMP
CL2 PUMP MOTOR 1	G81916	TP-324A-BF	Y030350R419F	3 HP	CL2 BLD.	MOTOR	US MOTOR

WRF #2 EQUIPMENT LIST

8/30/96

ND. 454 P004

CITIZENS UTILITIES CO + MAYER BROWN

09/03/96 14:42

EQUIPMENT	MODEL	TYPE	SERIAL#	SPECIFICATIONS	LOCATION	CATEGORY	MANUFACTURER
CL2 PUMP MOTOR 2	C61816	TP-324A-BF	Y02X346R077F	3 HP	CL2 BLD.	MOTOR	US MOTOR
FROTH PUMP 1	344A BF	3X4X9A	94 00709-1	300GPM	CL2 BLD.	PUMP	AURORA PUMP
FROTH PUMP 2	344A BF	3X4X9A	94 00709-2	300GPM	CL2 BLD.	PUMP	AURORA PUMP
FROTH PUMP MOTOR 1	UT/TE	FR-286T6	B535A/X03X047R074F	30 HP	CL2 BLD.	MOTOR	US MOTOR
FROTH PUMP MOTOR 2	UT/TE	FR-286T5	B535A/X03X047R0747	30 HP	CL2 BLD.	MOTOR	US MOTOR
CL2 LEAK DETECTOR					CL2 BLD.	METER	W&T
CL2 CRANE	ELECTRIC				CL2 BLD.	CRANE	WRIGHT
GAP AIR TANK	IFXA2500			SPEEDWAY	CL2 BLD.	TANK	WESSESCO
MCC PANEL				135PSI	CL2 BLD.	CONTROL	WESTINGHOUSE
				WESTINGHOUSE	CL2 BLD.		
DECL2 PUMP 1	C731-2005	PSI-80		182GPD	DECL2 BLD.	PUMP	LM
DECL2 PUMP 2	C731-2005	PSI-80		182GPD	DECL2 BLD.	PUMP	LM
EFL SAMPLER	CVS-CMTRCL-BD		CSM-802653		DECL2 BLD.	SAMPLER	SIRCO
UNIT HEATER	3E2258		Q9140378	NAT GAS	DECL2 BLD.	GENERAL	DAYTON
SOLUTION BARREL	PLASTIC			350 GALLON	DECL2 BLD.	GENERAL	
TANK MIXER	13504	1-PHASE	W1-82	0.5 HP	DECL2 BLD.	CHEM FEED EQP.	BALDOR
TITRATOR				AMPEROMETRIC	DECL2 BLD.	LAB EQP.	W&T
BELT PRESS	GRS-E-2		UN-728		COIL FILTER BLD.	BELT PRESS	KOMLINE SANDERS
GRINDER	30004	3 HP	10805	12' CHAMBER	COIL FILTER BLD.	GRINDER	MUFFIN MONSTER
AIR COMPRESSOR	QR-2085T		5044081		COIL FILTER BLD.	COMPRESSOR	QUINCY
BELT CONVEYOR			DS-B22431H-12		COIL FILTER BLD.	CONVEYOR	LINK BELT
SCREW CONVEYOR			E365-50-X05X087R13	5 HP	COIL FILTER BLD.	CONVEYOR	KEYSTONE ENG
BELT SLUDGE PUMP 1	PL-300	258 RPM	284132-1	10 HP	COIL FILTER BLD.	PUMP	BORGER
BELT SLUDGE PUMP 2	PL-300	258 RPM	284132-2	10 HP	COIL FILTER BLD.	PUMP	BORGER
BOOSTER PUMP	P41217	1X2-6	FG98T150T	5 HP	COIL FILTER BLD.	PUMP	BALDOR
POLYMER PUMP	SP80100653	POLYBLEND	12536		COIL FILTER BLD.	PUMP	STRANCO
AIR HNDL UNIT A					COIL FILTER BLD.	GENERAL	
AIR HNDL UNIT B					COIL FILTER BLD.	GENERAL	
UNIT HEATER UP-A					COIL FILTER BLD.	GENERAL	
UNIT HEATER UP-B				NAT GAS	COIL FILTER BLD.	GENERAL	REZNOR
UNIT HEATER MAIN FLR				NAT GAS	COIL FILTER BLD.	GENERAL	REZNOR
WEST SUMP PUMP				NAT GAS	COIL FILTER BLD.	GENERAL	REZNOR
EAST SUMP PUMP					COIL FILTER BLD.	PUMP	
FERRIC STORAGE TANK					COIL FILTER BLD.	PUMP	
LIME TANK N				FIBER GLASS	COIL FILTER BLD.	CHEM FEED EQP.	
LIME TANK S					COIL FILTER BLD.	CHEM FEED EQP.	
FLOW METER	IMT20-SA15FG2-T		295270733		COIL FILTER BLD.	CHEM FEED EQP.	
EJECTOR COMPRESSOR			12650		COIL FILTER BLD.	METER	FOXBORO
EJECT COMP MOTOR					COIL FILTER BLD.	COMPRESSOR	KIPP
AIR COMPRESSOR	ADA1008	MD1972	687987	30HP	COIL FILTER BLD.	MOTOR	BALDOR
AIR TANK			63225		COIL FILTER BLD.	COMPRESSOR	GARDNER DENVER
MCC PANEL				50PSI	COIL FILTER BLD.	TANK	MORRISON BROS.
YOEMAN PUMP 1					COIL FILTER BLD.	CONTROL	WESTINGHOUSE
YOEMAN PUMP 2				BLADDER	COIL FILTER BLD.	PUMP	YOEMAN
				BLADDER	COIL FILTER BLD.	PUMP	YOEMAN

NO. 454 P005

CITIZENS UTILITIES CO → MAYER BROWN

29/03/96 14:42

EQUIPMENT	MODEL	TYPE	SERIAL#	SPECIFICATIONS	LOCATION	CATEGORY	MANUFACTURER
YOEMAN PUMP 3				BLADDER	COIL FILTER BLD.	PUMP	YOEMAN
LIME HOPPERS	2 UNITS			ROOF MOUNTED	COIL FILTER BLD.	CHEM FEED EQP.	
BAR SCREEN	TYPE 1	CLIMB SCREEN			HEAD WORKS	BAR SCREEN	INFILCO DEGREMONT
PRIMARY DRIVE 1	7MCT DOW	JJA-70	B976-83A	RATIO:1-300	PRIMARY TANK	DRIVE	REX
PRIMARY DRIVE 2	7MCT DOW			RATIO:1-300	PRIMARY TANK	DRIVE	REX
PRIMARY DRIVE 3	7MCT DOW			RATIO:1-300	PRIMARY TANK	DRIVE	REX
PR1 DRIVE MOTOR 1	B1-0192T	IK	130014FC	0.75 HP	PRIMARY TANK	MOTOR	
PR1 DRIVE MOTOR 2		IK	SK143FK2510	0.5 HP	PRIMARY TANK	MOTOR	GE
PR1 DRIVE MOTOR 3	B1-0192T	IK	B0014FC	0.75 HP	PRIMARY TANK	MOTOR	
AER SYSTEM		IFU		FINE BUBBLE	AERATION TANK	AER SYSTEM	ENVIREX
DIG AER SYSTEM		COURSE		TUBR TYPE	DIGESTER TANK	AER SYSTEM	SANTAIRE
CLARIFIER MOTOR 1		FBDF-1	08 1408-2	0.5 HP	FINAL TANK	MOTOR	STERLING
CLARIFIER MOTOR 2	JF-GDTE	SYNCRGGEAR	4844N02L309R009F	0.5 HP	FINAL TANK	MOTOR	US MOTOR
CLARIFIER MOTOR 3	P		P56H3084P-NR	0.5 HP	FINAL TANK	MOTOR	RELIANCE
CLARIFIER DRIVE 1					FINAL TANK	DRIVE	WALKER PROCESS
CLARIFIER DRIVE 2					FINAL TANK	DRIVE	WALKER PROCESS
CLARIFIER DRIVE 3					FINAL TANK	DRIVE	DORR OLIVER
UNIT HEATER		NAT GAS			WELL 5	GENERAL	DAYTON
WEST HVAC UNIT				AIR & HEAT	EMPLOYEE BLD.	GENERAL	FEDDERS
EAST HVAC UNIT				AIR & HEAT	EMPLOYEE BLD.	GENERAL	FEDDERS
MICROWAVE	SMALL			SEARS	EMPLOYEE BLD.	KITCHEN	KENMORE
BATHROOM	COMPLETE				EMPLOYEE BLD.		
LOCKERS		21 UNITS			EMPLOYEE BLD.		
UNIT HEATER	3E226A		Q9043270	NAT GAS	MAINT BLD.	GENERAL	DAYTON
THICKENER DRIVE					THICKENER	SLDG HNDL	
THICKENER DRIVE MOTR					THICKENER	SLDG HNDL	
PORTABLE AIR BLOWER	8VB-E8		E8-5634		WELL 5	GENERAL	LIBRA IND
AIR BLOWER MOTOR	6K716P		REF#-C63BX61CN-4503	3/4 HP	WELL 5	GENERAL	DAYTON
SPARE PARTS	ASSORTED BOLTS				MAINT BLD.	SPARE PARTS	
SPARE PARTS	DRIVE CHAIN			PRIMARY TANKS	MAINT BLD.	SPARE PARTS	ENVIREX
SPARE PARTS	SHOES			PRIMARY TANKS	MAINT BLD.	SPARE PARTS	ENVIREX
SPARE PARTS	TUBING	100'		SAMPLERS	MAINT BLD.	SPARE PARTS	
SPARE PARTS	TUBING	50'		CHLORINATORS	MAINT BLD.	SPARE PARTS	
SPARE PARTS	PIPE & FITTINGS	MISC	SCHEDULE 80	PVC	MAINT BLD.	SPARE PARTS	
SPARE PARTS	MISC VALVE PARTS				MAINT BLD.	SPARE PARTS	
TOOLS	PIPE WRENCHES	4 UNITS		VARIOUS SIZES	MAINT BLD.	TOOLS	
TOOLS	TOOL SET	1 UNIT			MAINT BLD.	TOOLS	

EXHIBIT B-3

Citizens Real Property

The real property associated with the following sewage treatment plants:

- STP #1
West Suburban WRF No. 1
2 South Glen Gary Lane
Bolingbrook, Illinois 60440
- STP #2
West Suburban WRF No. 2
1000 West Boughton Road
Bolingbrook, Illinois 60440

Legal descriptions to be submitted prior to the Closing.

EXHIBIT B-4

Citizens Permanently Installed Equipment

See Lists Attached to Exhibit B-2

EXHIBIT B-5

Citizens Contracts

- Permanent Roadway Easement dated 2/14/90 by and between Citizens Utilities Company of Illinois and Commonwealth Edison Company
- License dated 1984 by and between Citizens Utilities Company of Illinois and Bolingbrook Park District
- Illinois Environmental Protection Agency Water Pollution Control Permit No. 1996-GB-5257
- Illinois Environmental Protection Agency, Division of Water Pollution Control, National Pollutant Discharge Elimination System Permit No. IL0032735
- Illinois Environmental Protection Agency, Division of Water Pollution Control, National Pollutant Discharge Elimination System Permit No. IL0032727
- Agreement and Release dated 1/1/89 by and between Citizens Utilities Company of Illinois and The Hoffman Group, Inc., and approved by VPPI Reo, Inc.
- Agreement (Sewer) dated 3/6/84 by and between Citizens Utilities Company of Illinois and American Heritage Corporation
 - Amendment Agreement dated 5/31/88 by and between Citizens Utilities Company of Illinois and American Heritage Corporation
 - Second Amendment Agreement dated 3/2/92 by and between Citizens Utilities Company of Illinois and American Heritage Corporation
 - Third Amendment Agreement dated 5/11/92 by and between Citizens Utilities Company of Illinois and American Heritage Corporation
 - Assignment dated 5/21/92 from American Heritage Corporation to Bigelow Group, Inc., and approved by Citizens Utilities Company of Illinois
- Agreement dated 7/1/94 by and between Citizens Utilities Company of Illinois and Bloomfield Village Joint Venture

- Agreement dated 5/31/85 by and between Citizens Utilities Company of Illinois and Cardiff Corporation
- Agreement dated 3/3/86 by and between Citizens Utilities Company of Illinois and First Consolidated Properties, Inc.
- Agreement dated 10/19/88 by and between Citizens Utilities Company of Illinois and Froberg & Hedg, Developers
- Agreement (Sewer) dated 12/27/79 by and between Citizens Utilities Company of Illinois and Hinsdale Sanitarium and Hospital
- Agreement dated 4/27/88 by and between Citizens Utilities Company of Illinois and Dean Overman
 - Agreement dated 12/23/88 from Dean Overman to Upland Industries Corporation, and approved by Citizens Utilities Company of Illinois
 - Amendment Agreement dated 12/23/88 by and between Citizens Utilities Company of Illinois and Upland Industries Corporation
 - Assignment dated 12/23/88 from Upland Industries Corporation to Upland Industrial Development Company, and consented by Citizens Utilities Company of Illinois
 - Consent to Assignment dated 9/25/90 by and among Citizens Utilities Company of Illinois, Upland Industrial Development Company and Industrial Developments International, Inc.
 - Amendment to Agreement dated 12/17/93 by and between Citizens Utilities Company of Illinois and Industrial Developments International, Inc.
 - Proposed Partial Assignment from Industrial Developments International, Inc. to Bloomfield Village Joint Venture, and to be approved by Citizens Utilities Company of Illinois
- Reservation Agreement dated 11/5/90 by and between Citizens Utilities Company of Illinois and Lexington Homes, Inc.
 - Partial Assignment dated 6/29/94 from Lexington Homes, Inc. to Williams Glen Limited Partnership, and approved by Citizens Utilities Company of Illinois; and Agreement dated 6/29/94 by and between Citizens Utilities Company of Illinois and Williams Glen Limited Partnership

- Partial Assignment dated 9/28/94 from Lexington Homes, Inc. to Williams Glen Limited Partnership, and approved by Citizens Utilities Company of Illinois
- Partial Assignment dated 9/6/95 from Lexington Homes, L.L.C. to Williams Glen Limited Partnership, and approved by Citizens Utilities Company of Illinois
- Agreement dated 12/18/89 by and between Citizens Utilities Company of Illinois and Market Square Associates
 - Proposed Partial Assignment from Market Square Associates to Bloomfield Village Joint Venture, and to be approved by Citizens Utilities Company of Illinois
- Agreement dated 2/22/89 by and between Citizens Utilities Company of Illinois and Parkway Bank and Trust Company, not personally, but as Trustee under Trust Agreement dated 12/21/87 and known as Trust No. 8619
- Agreement dated 4/16/90 by and between Citizens Utilities Company of Illinois and West Boughton Road Commercial Partnership
- Reservation Agreement dated 11/5/90 by and between Citizens Utilities Company of Illinois and Wiseman-Hughes Enterprises, Inc.
- Agreement dated 1/20/95 by and between Citizens Utilities Company of Illinois and MAF Developments, Inc.
 - Rider dated 1/20/95 by and between Citizens Utilities Company of Illinois and MAF Development
- Agreement dated 6/19/92 by and between Citizens Utilities Company of Illinois and Montalbano Builders, Inc., but only as it relates to a proposed Amendment Agreement between said parties.
- Agreement dated 11/26/85 by and between Citizens Utilities Company of Illinois and Village of Bolingbrook
 - Amendment Agreement dated 12/22/89 by and between Citizens Utilities Company of Illinois and Village of Bolingbrook
- Consent Decree issued by the U.S. District Court for the Northern District of Illinois under Civil Action No. 92-C-5132, United States of America vs. Citizens Utilities Company of Illinois

- Amendment to Consent Decree issued by the U.S. District Court for the Northern District of Illinois under Civil Action No. 92-C-5132, United States of America vs. Citizens Utilities Company of Illinois
- United States Environmental Protection Agency, Region 5, Docket No. V-W-95-AO-11, Findings of Violation and Agreed Order in the Matter of Citizens Utilities Company of Illinois, The West Suburban Wastewater Treatment Plant #2

EXHIBIT C
SCHEDULE OF PAYMENTS

PAYMENT	AMOUNT OF PAYMENT
1	\$686,689.00
2	686,689.00
3	711,502.50
4	711,502.50
5	738,093.50
6	738,093.50
7	641,141.00
8	641,141.00
9	641,566.00
10	641,566.00
11	398,616.00
12	398,616.00
13	119,734.50
14	119,734.50
15	119,387.50
16	119,387.50
17	120,075.00
18	120,075.00
19	120,475.00
20	120,475.00
21	120,375.00
22	120,375.00
23	119,975.00
24	119,975.00

Total of Payments \$9,075,260.00

EXHIBIT D

Service Areas

See Attached Map.

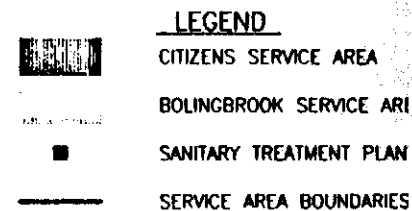
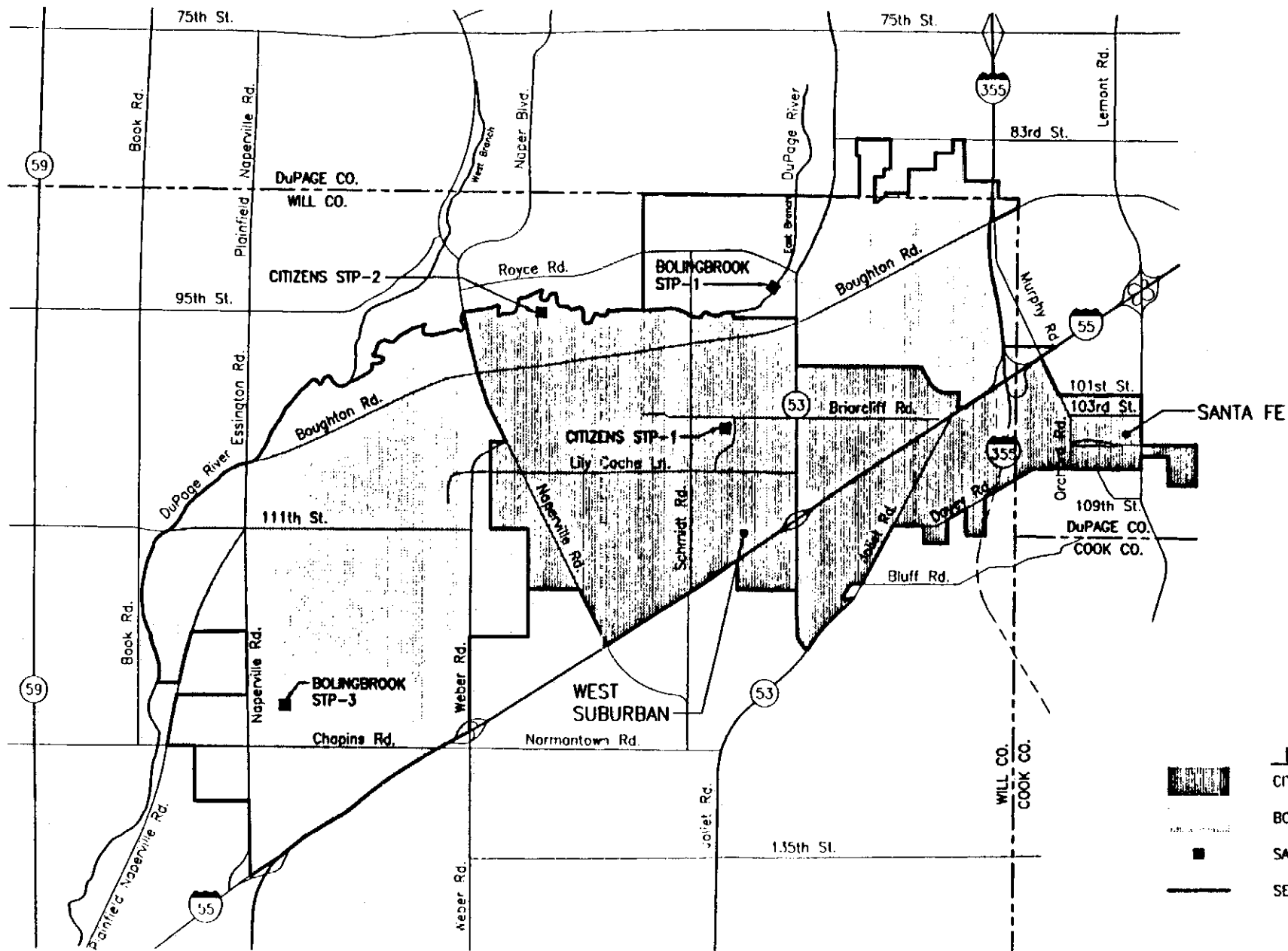


EXHIBIT D

EXHIBIT 2

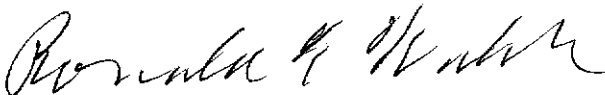
AGREEMENT

The undersigned parties hereby acknowledge the completion, to each party's satisfaction, of the Exhibits to that certain Asset Purchase and Exchange Agreement dated February 27, 1997 by and among Citizens Utilities Company of Illinois, the Village of Bolingbrook and Citizens Water Resources Company (the "Asset Exchange Agreement"), and copies of such final Exhibits are attached hereto as Exhibit 1. The Exhibits attached hereto shall be deemed to replace and supersede any and all prior forms of the subject Exhibits, and this Agreement shall be deemed to supersede that certain side Agreement dated February 27, 1997 by and among the undersigned parties, a form of which is attached hereto as Exhibit 2.


This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the 10th day of March, 1997.

CITIZENS UTILITIES COMPANY OF ILLINOIS

By: 
Its: Vice President

CITIZENS WATER RESOURCES COMPANY

By: 
Its: Vice President.

VILLAGE OF BOLINGBROOK

By:
Its:

AGREEMENT

The undersigned parties hereby acknowledge the completion, to each party's satisfaction, of the Exhibits to that certain Asset Purchase and Exchange Agreement dated February 27, 1997 by and among Citizens Utilities Company of Illinois, the Village of Bolingbrook and Citizens Water Resources Company (the "Asset Exchange Agreement"), and copies of such final Exhibits are attached hereto as Exhibit 1. The Exhibits attached hereto shall be deemed to replace and supersede any and all prior forms of the subject Exhibits, and this Agreement shall be deemed to supersede that certain side Agreement dated February 27, 1997 by and among the undersigned parties, a form of which is attached hereto as Exhibit 2.

This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the 10th day of March, 1997.

CITIZENS UTILITIES COMPANY OF ILLINOIS

By:
Its:

CITIZENS WATER RESOURCES COMPANY

By:
Its:

VILLAGE OF BOLINGBROOK

By:
Its: Mayor

